

SeraSoft SW 74

INCI: Cetyl Dimethicone

Applications

Skin Care
Sun Care
Color Cosmetics
Hair Care
Antiperspirants

Benefits

Good organic compatibility
SPF enhancing
Good spreadability
Improves pigment dispersion
Water resistance

Description

KCC Beauty SeraSoft SW 74 is a linear polydimethylsiloxane with long alkyl chains. Due to its chemical structure, it shows good compatibility with most organic cosmetic ingredients, such as hydrocarbon oils, vegetable oils, waxes, and organic UV ingredients. SeraSoft SW 74 can help enhance SPF values of organic and inorganic UV ingredients in water-in-oil formulations. In addition, SeraSoft SW 74 offers water resistance and good pigment distribution due to its good spreadability.

Typical Properties	
Appearance	Colourless to yellow liquid
Viscosity (25 °C)	35 cP
Solids (%)	100
Refractive Index	1.440
Recrystallization Temperature	<15°C
CTFA / INCI Designation	Cetyl Dimethicone

Typical Properties

The values mentioned are not intended for use in preparing specifications. We have made every effort to ensure these values are correct as of the revision date of this document.

Method of Use

SeraSoft SW 74 is easily incorporated into the oil and wax phases. Due to the broad solubility profile in most organic ingredients, no special handling requirements are necessary.

Recommended Usage Level

Usage level is highly dependent on application and is usually between 1 and 5% w/w.

Packaging

15kg pails and 160kg drums.

Storage and Shelf Life

The product should be stored in a cool dark place away from direct sunlight. Shelf life of the un-opened container is 24 months from the date of manufacture.

Toxicity and Handling

Please see our SeraSoft SW 74 safety data sheet for more details. Information for safe use of this product is not included in this document. Before handling please read container labels and the safety data sheet for physical, environmental and health hazard information.

Limited Warranty Information

Although every effort has been made to ensure that the information contained within this data sheet is reliable, we cannot be held responsible for the correctness of the information or for any loss, injury or damage which may result from its use. Suggestions of uses should not be taken as inducements to infringe any particular existing patent.

Company Details

KCC Beauty Headquarters:

KCC Silicone Corporation, 344, Sapyeong-daero, Seocho-gu, Seoul, Korea

Tel: +82 2 3480 5811 **Fax:** +82 2 3480 5887 **e-mail:** silicone@kccworld.co.kr